



PT Human chloride channel CIC-3B as outward rectifying chloride channel  
 PT with chloride selectivity and activated by forskolin in presence of  
 PT cystic fibrosis transmembrane conductance regulator, useful in  
 PT diagnosis of cystic fibrosis -  
 XX  
 PS Claim 1; Page 30-33; 41pp; Japanese.  
 CC  
 CC The present sequence represents a human chloride channel protein (A).  
 CC (A) has respiratory activity. (A) can be used in the diagnosis of  
 CC and development of drugs for cystic fibrosis. (A) is a CIC-3-selective  
 CC splicing subtype, which is an outward rectifying chloride channel with  
 CC chloride selectivity and is activated by forskolin in the presence of  
 CC cystic fibrosis transmembrane conductance regulator (CFTR).  
 CC  
 XX Sequence 866 AA;  
 SX  
 Query Match 94.5%; Score 3946; DB 23; Length 866;  
 Best Local Similarity 96.3%; Pred. No. 0;  
 Matches 758; Conservative 4; Mismatches 13; Indels 12; Gaps 3;  
 QY 3 ASDPYLPYDGGG-----DNIPRLRLKRGTHYTMNGSGINSSTHLLDDEPI 52  
 DB 22 ASDDEL-LDAGVIMDQTSSEDLN-LDGPVAGTHYTMNGSGINSSTHLLDDEPI 79  
 QY 53 PGVGYDDPHITDVRKCKDRHRIRINSKKESAMEMTKSLYDAMSGMLVLTGLAS 112  
 DB 80 PGVGYDDPHITDVRKCKDRHRIRINSKKESAMEMTKSLYDAMSGMLVLTGLAS 139  
 QY 113 GALGLIDIAADWMTDKEGICLSALWYNHQCCGNETFEEDKCPQKTMALITIG 172  
 DB 140 GALGLIDIAADWMTDKEGICLSALWYNHQCCGNETFEEDKCPQKTMALITIG 199  
 QY 173 QAEGRGSIYMYIMYIFALSFALVSLVAFAPYACSGIPEIKITLSGFIIRGYLGK 232  
 DB 200 QAEGRGSIYMYIMYIFALSFALVSLVAFAPYACSGIPEIKITLSGFIIRGYLGK 259  
 QY 223 WTLMIKTTTLVLAASGLSKKEGPLVAVACCGNIFSYLPKSTYNAKREVLSAASA 292  
 DB 260 WTLMIKTTTLVLAASGLSKKEGPLVAVACCGNIFSYLPKSTYNAKREVLSAASA 319  
 QY 293 AGVSAFCAPIGVLFSEESYFPLKTLRSPFAALVAFVLRSTIPFNSRLVLFYV 352  
 DB 320 AGVSAFCAPIGVLFSEESYFPLKTLRSPFAALVAFVLRSTIPFNSRLVLFYV 379  
 QY 353 EYHNPWYLFELPELILGVFGGLGAFPIRANIAMCRKRSTKFGKPVLEVIYAATA 412  
 DB 380 EYHNPWYLFELPELILGVFGGLGAFPIRANIAMCRKRSTKFGKPVLEVIYAATA 439  
 QY 413 VIAFPNPTRLNTSELKELFTDCGPLESSLCDYRDNMAKSIYDIPDRPAGIGVSA 472  
 DB 440 VIAFPNPTRLNTSELKELFTDCGPLESSLCDYRDNMAKSIYDIPDRPAGIGVSA 499  
 QY 473 IMQCLALIFKIMTVFEGFKVPSGLFIPSMALGALIRVIGAVBEOLAYHHDMWTFK 532  
 DB 500 IMQCLALIFKIMTVFEGFKVPSGLFIPSMALGALIRVIGAVBEOLAYHHDMWTFK 559  
 QY 533 EMCEVGADCTIPGLYAMGAACLGVTGMTVSLVVIYFELTGLGLEYIVPLMAAVMTSKW 592  
 DB 560 EMCEVGADCTIPGLYAMGAACLGVTGMTVSLVVIYFELTGLGLEYIVPLMAAVMTSKW 619  
 QY 593 VGDAFNGREGIYEAHIRLNGVYFPLDAKEFTHTTAAADYMRRRNDPPLAVLTODNMYVD 652  
 DB 620 VGDAFNGREGIYEAHIRLNGVYFPLDAKEFTHTTAAADYMRRRNDPPLAVLTODNMYVD 679  
 QY 653 IENMINETSYNGFPVINSKESORLVGFALRDLFIATESAKKKEGIVGSSRVFAOHTP 712  
 DB 680 IENMINETSYNGFPVINSKESORLVGFALRDLFIATESAKKKEGIVGSSRVFAOHTP 739  
 QY 713 SLPAESPPKLRSILDMSPETTVDHTPMEIVVDIFRKLGRQLCVTHNGRLGILITRKD 772  
 DB 740 SLPAESPPKLRSILDMSPETTVDHTPMEIVVDIFRKLGRQLCVTHNGRLGILITRKD 799  
 QY 773 ILRHMAQ 779

DB 800 ILEHLEQ 806  
 ||| : |  
 ||| : |  
 RESULT 2  
 AAM79259  
 ID AAM79259 standard; Protein: 766 AA.  
 XX  
 AC AAM79259;  
 XX  
 DT 06-NOV-2001 (first entry)  
 XX  
 DE Human protein SEQ ID NO 1921.  
 DE  
 XX Human; cytokine; cell proliferation; cell differentiation; gene therapy;  
 KW vaccine; peptide therapy; stem cell growth factor; haematopoiesis;  
 KW tissue growth factor; immunomodulatory; cancer; leukaemia;  
 KW nervous system disorder; arthritis; inflammation.  
 XX  
 OS Homo sapiens.  
 OS  
 PN WO200157190-A2.  
 XX  
 PD 09-AUG-2001.  
 XX  
 PF 05-FEB-2001; 2001WO-US04098.  
 XX  
 PR 03-FEB-2000; 2000US-0496914.  
 PR 27-APR-2000; 2000US-0560875.  
 PR 20-JUN-2000; 2000US-0598075.  
 PR 19-JUL-2000; 2000US-0620325.  
 PR 01-SEP-2000; 2000US-0654936.  
 PR 15-SEP-2000; 2000US-0663561.  
 PR 20-OCT-2000; 2000US-0693325.  
 PR 30-NOV-2000; 2000US-0728422.  
 XX  
 PA (HYSE-) HYSEQ INC.  
 XX  
 PI Tang YT, Liu C, Drmanac RT, Asundi V, Zhou P, Xu C, Cao Y, Ma Y;  
 PI Zhao QA, Wang D, Wang J, Zhang J, Ren F, Chen R, Wang ZW;  
 PI Xue AJ, Yang Y, Wejhrman T, Goodrich R;  
 XX  
 DR WPI: 2001-476283/51.  
 DR N-PSDB: AAK52392.  
 XX  
 PT Nucleic acids encoding polypeptides with cytokine-like activities,  
 PT useful in diagnosis and gene therapy -  
 XX  
 PS Claim 20; Page 4320-4322; 6221pp; English.  
 CC  
 CC The invention relates to polynucleotides (AAK51456-AAK53435) and the  
 CC encoded polypeptides (AAM78323-AAM80302) that exhibit activity elating to  
 CC cytokine, cell proliferation or cell differentiation or which may induce  
 CC production of other cytokines in other cell populations. The  
 CC polynucleotides and polypeptides are useful in gene therapy, vaccines or  
 CC peptide therapy. The polypeptides have various cytokine-like activities,  
 CC e.g. stem cell growth factor activity, haematopoiesis regulating  
 CC activity, tissue growth factor activity, immunomodulatory activity and  
 CC activin/inhibin activity and may be useful in the diagnosis and/or  
 CC treatment of cancer, leukemia, nervous system disorders, arthritis and  
 CC inflammation.  
 CC Note: Records for SEQ ID NO 2110 (AAK52581), 2111 (AAK52582) and 3666  
 CC (AAM80020) are omitted as the relevant pages from the sequence listing  
 CC were missing at the time of publication.  
 XX  
 SX Sequence 766 AA;  
 Query Match 75.9%; Score 3171.5; DB 22; Length 766;  
 Best Local Similarity 76.4%; Pred. No. 0;  
 Matches 579; Conservative 86; Mismatches 92; Indels 1; Gaps 1;  
 QY 34 NGSINSTHLLDDEPIGVGYDDPHITDVRKCKDRHRIRINSKKESAMEMTK 93  
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Db 416 VEYKPKPIFFELIPFICIGIVATLEIFKANLYMCRRYKFSKLGQPVAVELVAVAT 475
QY 412 AVIAFPMPYPLNTSELKELFTDCGPLESSSLDDYRNDMAKSIYDDIPRPAIGIYVS 471
Db 476 AVIAPMPYPLNTSOLLYLEFSQGISNSDPLCDY--NRNFTVYKSAIEIAAGPGYQ 533
QY 472 AIWOLCALIFKRIIMPTFTFGIKVPSCGFIIPSMAGIAGRIVGIAVEOLAYHHDMFIF 531
Db 534 AVMLLLIALVAKLGMTVFTEGMKYPGCFIPSLCLGAIMGRIYVIGIEQLAYYPRKLMF 593
QY 532 KEMCEVADCTTPEGLYAVGACAGLVTRMTVSLVVIYVEELTGLEYVPLMAAVMTSK 591
Db 594 SGCESTGDNCTTPEGLYAVGAAVLAGVTMTVSLVVIYMEELTGVRIVYPLMAAAMASK 653
QY 592 WVGDAFREGIEYEAHILNGPPLDAKEEFTHTTLADVVRPRRNDPPLAVLTODNNMTVD 651
Db 654 WVGDAFGROGIDYDAHIDQLNGPPLDSKDEFAHSLADVWQPKRNE--TLVITDQSDMTVD 712
QY 652 DIENMINETSYNGFPVIMSKESQRLVGFALRDLTLIAESARKKQEGIVGSSRVCFAQHT 711
Db 713 DVEGLKETEINGPVVYVRESQYLVGFVLRDLNLAIANARRMIDITGOSLVLF-NG 771
QY 712 PSLPAESPRPLKRSIIDMSBFTVTDHTPMEIYVDIFRKLGLRQCLVTHNGRLIGITTKK 771
Db 772 PTVOISLGPPLKLLKILDMAPITVTDQTPMETVDMFRKLGRLQTLVTHNGRLIGITTKK 831
QY 772 DILRHMAQTANODPASIMFN 791
Db 832 DVLRHVAKOMDENSTILFN 851

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RESULT 4
AAE02339
ID AAE02339 standard; Protein; 873 AA.
AC AAE02339;
XX
XX 10-AUG-2001 (first entry)
XX
XX Drosophila melanogaster chloride channel (dmCLC) protein.
XX
XX Chloride channel; dmCLC; metazoan invertebrate; biopesticide;
XX therapeutic.
XX
XX Drosophila melanogaster.
XX
XX
XX Key Location/Qualifiers
XX Domain 113..133
XX /label= Transmembrane_domain
XX /label= 185..205
XX /label= Transmembrane_domain
XX /label= 265..285
XX /label= Transmembrane_domain
XX /label= 318..338
XX /label= Transmembrane_domain
XX /label= 338..345
XX /label= GKXGPXXH motif
XX /note= "Conserved signature sequence for
XX anion-selective ion pores"
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XX Domain 341..361
XX /label= Transmembrane_domain
XX /label= 375..395
XX /label= Transmembrane_domain
XX /label= 409..429
XX /label= Transmembrane_domain
XX /label= 446..466
XX /label= Transmembrane_domain
XX /label= 485..505
XX /label= Transmembrane_domain
XX /label= 558..578
XX /label= Transmembrane_domain
XX /label= 581..601
XX Domain

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FT /label= Transmembrane_domain
FT Domain 624..644
FT /label= Transmembrane_domain
FT Domain 654..674
FT /label= Transmembrane_domain
FT Domain 719..773
FT /label= CBS_domain
FT /label= 778..798
FT /label= Transmembrane_domain
FT Domain 808..860
FT /label= CBS_domain
XX
XX WO200138359-A2.
XX
XX 31-MAY-2001.
XX
XX 29-NOV-2000; 2000WO-US32816.
XX
XX 29-NOV-1999; 99US-0167807.
XX 31-JAN-2000; 2000US-0179167.
XX 01-MAR-2000; 2000US-0186561.
XX 22-MAR-2000; 2000US-0190968.
XX 22-MAR-2000; 2000US-0191400.
XX
XX (GENO-) GENOPTERA LLC.
XX
XX Ebens AJ, Francis-Lang H, Keegan KP, Stout TJ, Kellerman KA;
XX Torpey J;
XX WPI: 2001-355882/37.
XX N-PSDB; AAD05207.
XX
XX Invertebrate receptor nucleic acids isolated from Drosophila
XX melanogaster which can be used to genetically modify metazoan
XX invertebrate organisms resulting in expression or mis-expression of the
XX receptor protein.
XX
XX Claim 10; Page 70-72; 76pp; English.
XX
XX The patent discloses invertebrate receptor nucleic acids and
XX proteins isolated from Drosophila melanogaster. The sequences
XX of the present invention are used to genetically modify metazoan
XX invertebrate organisms such as insects and worms, resulting in the
XX expression or mis-expression of the receptor protein. The nucleic
XX acid molecules of the invention are used as hybridisation probes. In
XX expression vectors and to modify a host cell or animal and therefore
XX provide new means of providing biopesticides. The genetically modified
XX organisms are used in screening assays to identify compounds that are
XX potential pesticidal agents or therapeutics that interact with the
XX receptor proteins.
XX The present sequence is Drosophila melanogaster chloride channel
XX (dmCLC) protein.
XX
XX Sequence 873 AA:
XX
XX Query Match 59.5%; Score 2486; DB 22; Length 873;
XX Best local Similarity 63.6%; Pred. No. 2; le-252;
XX Matches 470; Conservative 113; Mismatches 144; Indels 12; Gaps 8;
QY 57 TYDDEFTIDVREKCKDRERHRRINSKRESAWEMTKSLYDANSGMLVYTLGLASGALA 116
Db 143 TYDEFTIDWQRDIARDRMHRYIVKRRQSLMDLKGSIDASGMLCYLVVGIAGCVA 202
QY 117 GLIDIAADWMTDKREGICLSALWYNNEOCCWGSNETTFFERDKCPQWKTYAEIITQAGC 176
Db 203 GAWDIDGASWSDLKHGICPAFWFNREOCCYPAKQSVFEE-GNCSYWKTPETFGIDRNG 261
QY 177 PGSYIMNYIMYIFWALSPFAVLSLVKVPAPYACGSGIPEIKTHISGFIIRGLGKWTLM 236
Db 262 TGPYIYAVIMYVALLFASLSLVMPAPYACGSGIPEIKTHISGFIIRGLGKWTLM 321
QY 237 IKTTIVLAVASGLSGKREPLVAVACCGNIFSYLFPYRSTNEAKRREVLASAAGVS 296

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Db 322 IKSVMGLMSVSGITLTKESBPWMIASCIQNIISHPFKYGRNEAKRELLISAAAGVS 381
QY 297 VARGAPIGVLFSLSEVSYFPLKTLRSPFALVAFLRINSIPGNSRLVLFVEYHT 356
    |||||
Db 382 VARGAPIGVLFSLSEVSYFPLKTLRSPFALVAFLRINSIPGNSRLVLFVEYHT 441
QY 357 PWLFELFPIILGVFGGLGAFPIRANIAMCRRKSKTKGKYPVEIIVAAITAVIAF 416
    |||||
Db 442 PWLFELFPIILGVFGGLGAFPIRANIAMCRRKSKTKGKYPVEIIVAAITAVIAF 501
QY 417 PNRYRLNTESELKELFTDGGPLE-SSSLCDYRNDMNAKTIVDIPDRPAGIGYSAIMQ 475
    |||||
Db 502 PNRYRLNTESELKELFTDGGPLE-SSSLCDYRNDMNAKTIVDIPDRPAGIGYSAIMQ 560
QY 476 LCLALFKIIMTYFTGIGKPSGLFIPSAIGAGIAGIAGIAGIAGIAGIAGIAGIAGI 534
    |||||
Db 561 LMLFLFKLALITFTFGMKVPAGLFIPLSLILGAIMGRIVIGVGFQFAPSPINIMFTEGEC 620
QY 535 CEVGADCTITGLYAMGAACLGAVTMYVSLVYVELTGLEYIVPLMAAVMTSKWVG 594
    |||||
Db 621 AD--SNLITGLAVVGAAGVAVLGVRMTVSLVYIMFELTGAVYIVPLMAAAMASRWG 678
QY 595 DAGREGIYFAHRLNGLYPLDLAKEEFTHTTTLADAVMRPRNDPLAVLTODMTVDIE 654
    |||||
Db 679 DALGRGITYAHIALNCPPLDSKEEFAHTTTLADAVMQPRNE-TLVAVITQDSMTVDVE 737
QY 655 MNINETSNGEPYIMSKESQRLVGFALRDLTIAIESARKKQEGIVSGSHVCFQAHTPSL 714
    |||||
Db 738 NLKETEHNQYPVVSVRENGYLVGFVLRDLNLALGAKRLIESSISIVLF---TSSQ 794
QY 715 PAAS--PRPKLSILDMSEFTYTDHTPMETIVDIFPKLROCLVTHNGRLGIIITKKD 772
    |||||
Db 795 PQLNLGQPKLTKKIDMAITVTDQPMETIVDMERKLGRLQTLVTHNGRLGVIITKKD 854
QY 773 ILRMAQTANOCPASIMFN 791
    |||||
Db 855 VLHRVQKMDNEDPTVLFN 873

RESULT 5
ABG05471
ID ABG05471 standard; Protein; 1203 AA.
AC ABG05471;
XX
XX 13-FEB-2002 (first entry)
XX
XX Novel human diagnostic protein #5462.
DE
XX Human; Chromosome mapping; gene mapping; gene therapy; forensic;
KW Food supplement; medical imaging; diagnostic; genetic disorder.
OS Homo sapiens.
XX
XX MO200175067-A2.
XX
XX 11-OCT-2001.
XX
XX 30-MAR-2001; 2001WO-US08631.
XX
XX 31-MAR-2000; 2000US-0540217.
XX
XX 23-AUG-2000; 2000US-0649167.
XX
XX (HYSE-) HYSEQ INC.
XX
XX Drmanac RT, Liu C, Tang YT;
XX
XX WPI; 2001-639362/73.
XX
XX N-PSDB; AAS69658.
XX
XX New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensic, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
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PT biodiversity -
XX
XX Claim 20; SEQ ID No 35830; 103pp; English.
CC
CC The invention relates to isolated polynucleotide (I) and
CC polypeptide (II) sequences. (I) is useful as hybridisation probes,
CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC and gene mapping, and in recombinant production of (II). The
CC polynucleotides are also used in diagnostics as expressed sequence tags
CC for identifying expressed genes. (I) is useful in gene therapy techniques
CC to restore normal activity of (II) or to treat disease states involving
CC (II). (II) is useful for generating antibodies against it, detecting or
CC quantitating a polypeptide in tissue, as molecular weight markers and as
CC a food supplement. (II) and its binding partners are useful in medical
CC imaging of sites expressing (II). (I) and (II) are useful for treating
CC disorders involving aberrant protein expression or biological activity.
CC The polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. ABG00010-ABG30377 represent novel human
CC diagnostic amino acid sequences of the invention.
CC Note: The sequence data for this patent did not appear in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pcl_sequences.
XX
XX Sequence 1203 AA:
Query Match 58.5%; Score 2442.5; DB 22; Length 1203;
Best Local Similarity 61.6%; Pred. No. 1,4e-247;
Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;

QY 34 NGGSINSFHLIDLDPGPGVGTDDFTIDWRRECKDERHRRIRNSKKESAMETK 93
    |||||
Db 603 NGGIGSSNNIMDLPEIPICGVGYDDPNTIDWRREKSRDRR----- 647
QY 94 SLVDAMSGMLVLTTLGLASGALGLIDIAADMWMDLKEGICLSALWYNHQCCWGSNETT 153
    |||||
Db 648 ----- 647
QY 154 FEERDKCPQKMTNELLIGAEFGSYIMNYIMYIPALSAFLAVSLVYFARYACGSG 213
    |||||
Db 648 -----EGAFAYIVNFMVLMALLFAFLAVSLVYFARYACGSG 686
QY 214 IPEIKTILSGFIIRGYLGKMTLMKTTTLVAVASGSLGEGPLVAVACCCGNYFYLF 273
    |||||
Db 687 IPEIKTILSGFIIRGYLGKMTLVKITTLVAVASGSLGEGPLVAVACCCGNYILCHCF 746
QY 274 PKYSTNEAKKREVLASAASAGVSAFAGPIGVLFSLEEVSYFPLKTLRSPFALVAA 333
    |||||
Db 747 NKYRKNAKRRREVLASAASAGVSAFAGPIGVLFSLEEVSYFPLKTLRSPFALVAA 806
QY 334 FVLRSINPGENSRVLVYVEYHTPMYLFELFPIILGVFGGLGAFPIRANIAMCRRKRS 393
    |||||
Db 807 FTLRSINPGENSRVLVYVEYHTPMYLFELFPIILGVFGGLGAFPIRANIAMCRRKRT 866
QY 394 TKFGKYPVEIIVAAITAVIAFNPYRLNTESELKELFTDGGPLESSSLCDYRNDMNA 453
    |||||
Db 867 TOLGKYVIEVLVYATITALLAPNETRMTSLSLSLNDGCLDSSKLDYENRFT 926
QY 454 SKTIVDDIPDRPAGIGYSAIMQCLALIFKIMTVFTFGIKVPSGLFIPSAIGAGIAGI 513
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Db 927 SK-GGELPRPAGIGYSAIMQCLALIFKIMTVFTFGIKVPSGLFIPSAIGAGIAGI 985
QY 514 VGTAIVGLAYHHDMFIFKEMCEVADCTIPGLYAMGAACLGAVTMYVSLVYVIFEL 573
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Db 986 LGVGMEDLAYHDEWTVFNSWCSGADCTIPGLYAMGAACL----- 1028
QY 574 TGLLEYIVPLMAAVMTSKWDAFAGREGIYFAHRLNGLYPLDLAKEEFTHTTTLADVMP 633
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Db 1029 -----AKEFAKNTLAMDMK 1045
QY 634 RNDPPLAVLTODMTVDIENMNETSYNGFVINSKESQRLVGFALRDLTIAIESAR 693
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Db 1046 RRPDLVLVLTQDSMTVDVETIISETTYSGFPVVSRESORLVGFVLRDLIISTENAR 1105  
 QY 694 KKEGIVSSVCFQAOHTPSLPASPRRLKRLSLDMSPFVTDTMEIYVDFRKLGL 753  
 Db 1106 KKQGVVSTSTIYFEHSPPLPYTPPLTKRLNLDSPTVDTLTPMEIYVDFRKLGL 1165  
 QY 754 RQCLVTHNGRLGLITTKKDLIRHMAQTANODPASIMEN 791  
 Db 1166 RQCLVTHNGRLGLITTKKDLIRHMAQTANODPASILEN 1203  
 RESULT 6  
 ABG03989  
 ID ABG03989 standard; Protein: 1597 AA.  
 XX  
 AC ABG03989;  
 XX  
 DT 13-FEB-2002 (first entry)  
 XX  
 DE Novel human diagnostic protein #3980.  
 XX  
 KW Human: chromosome mapping; gene mapping; gene therapy; forensic;  
 KM food supplement; medical imaging; diagnostic; genetic disorder.  
 XX  
 OS Homo sapiens.  
 OS  
 PN WO200175067-A2.  
 XX  
 PD 11-OCT-2001.  
 XX  
 PE 30-MAR-2001; 2001WO-US08631.  
 XX  
 PR 31-MAR-2000; 2000US-0540217.  
 PR 23-AUG-2000; 2000US-0649167.  
 PA (HYSE-) HYSEO INC.  
 PI Drmanac RT, Liu C, Tang YT;  
 DR WPI: 2001-639362/73.  
 DR N-PSDB: AAS68176.  
 PT New isolated polynucleotide and encoded polypeptides, useful in  
 PT diagnostics, forensics, gene mapping, identification of mutations  
 PT responsible for genetic disorders or other traits and to assess  
 PT biodiversity  
 PS Claim 20; SEQ ID No 34348; 103pp; English.  
 XX  
 CC The invention relates to isolated polynucleotide (I) and  
 CC polypeptide (II) sequences. (I) is useful as hybridisation probes,  
 CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome  
 CC and gene mapping, and in recombinant production of (II). The  
 CC polynucleotides are also used in diagnostics as expressed sequence tags  
 CC for identifying expressed genes. (I) is useful in gene therapy techniques  
 CC to restore normal activity of (II) or to treat disease states involving  
 CC (II). (II) is useful for generating antibodies against it, detecting or  
 CC quantitating a polypeptide in tissue, as molecular weight markers and as  
 CC a food supplement. (II) and its binding partners are useful in medical  
 CC imaging of sites expressing (II). (I) and (II) are useful for treating  
 CC disorders involving aberrant protein expression or biological activity.  
 CC The polypeptide and polynucleotide sequences have applications in  
 CC diagnostics, forensics, gene mapping, identification of mutations  
 CC responsible for genetic disorders or other traits to assess biodiversity  
 CC and to produce other types of data and products dependent on DNA and  
 CC amino acid sequences. ABG00010-ABG30377 represent novel human  
 CC diagnostic amino acid sequences of the invention.  
 CC Note: The sequence data for this patent did not appear in the printed  
 CC specification, but was obtained in electronic format directly from WIPO  
 CC at ftp.wipo.int/pub/published\_pct\_sequences.  
 XX  
 SQ Sequence 1597 AA;

Query Match 58.5%; Score 2442.5; DB 22; Length 1597;  
 Best Local Similarity 61.6%; Pred. No. 2,1e-247;  
 Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;  
 QY 34 NGSINSTHLLDLDEPIPGVGYDDEFTIDWREKCKDERRRRINSKRRESAMETWK 93  
 Db 997 NGCGIGSSNRIMDFLEEBIPGVGTVDENTIDWREKSRDRHR----- 1041  
 QY 94 SLVDAMSGWLVTTLGLASGALAGLIDLAADMMDLKRGICLSALMYNHQCCMGSNFTT 153  
 Db 1042 ----- 1041  
 QY 154 FEERDKCPQWKMTWAEILIGQAECPGSIYIMYIMFALSPFAFLAVSLVKYFAPACSG 213  
 Db 1042 -----EGAFATYVNTFMVYLAALLFAPLAVSLVKYFAPACSG 1080  
 QY 214 IPEIKTILSGFLINGYLGKWTLMIKTITLVLAVASGLSGKEGPLVHVACCCGNISYLF 273  
 Db 1081 IPEIKTILSGFLINGYLGKWTLVIKTITLVAVSSGLSGKEGPLVHVACCCGNILCHCF 1140  
 QY 274 PKYSTNEAKKREVSASAAAGVSAFGAPITGVLFSLSEVSYTPPKTLMSPFAALVAA 333  
 Db 1141 NKYRNEAKRREVSASAAAGVSAFGAPITGVLFSLSEVSYTPPKTLMSPFAALVAA 1200  
 QY 334 FVLRSINPFGNSRLVLFVEYHTPMVLELPETILGVFGGLMGAFIRANIAMCRRRKS 393  
 Db 1201 FTLSINPFGNSRLVLFVEYHTPMHLEFVLPIILGIFGSLMGALFRTMIANCRRKKT 1260  
 QY 394 TKFGKPYLEVIIVAAITAVIAFPNPYTRLNTSELIELFTDCCGPLSESSLCDYRNDNA 453  
 Db 1261 TOLGKPYLEVLVYVAITAVIAFPNEYRMSTSELISELFDCCGLDSSKCDYENRENT 1320  
 QY 454 SKIYDDIPDRPAGIGVYSALMOLCALIFKIMVFTFGIRVPSGLFSPMAIGAIGRI 513  
 Db 1321 SK-GGEIDPRPAGVGSAMQALTLTLKTVITFTFGMKIPSGLFPSMAVGAIGRL 1379  
 QY 514 VGIAVEQLAAYHHMFTFEKNECEVAGDCITPGLYAMVGAACAGLVTMTVSLVIVIFEL 573  
 Db 1380 LGVGMEOQLAAYHOMETVYNSCSOGADCITPGLYAMVGAACL----- 1422  
 QY 574 TGGLEIYPLMAAVMTSKWGDARREGISTEYAHIRLNSGYPPLDAKKEPTHTTLADVWRP 633  
 Db 1423 -----AKEEFAHKTAMDVWRP 1439  
 QY 634 RRPDLVLVLTQDSMTVDVETIISETTYSGFPVVSRESORLVGFVLRDLIISTENAR 693  
 Db 1440 RRPDLVLVLTQDSMTVDVETIISETTYSGFPVVSRESORLVGFVLRDLIISTENAR 1499  
 QY 694 KKEGIVSSVCFQAOHTPSLPASPRRLKRLSLDMSPFVTDTMEIYVDFRKLGL 753  
 Db 1500 KKQGVVSTSTIYFEHSPPLPYTPPLTKRLNLDSPTVDTLTPMEIYVDFRKLGL 1559  
 QY 754 RQCLVTHNGRLGLITTKKDLIRHMAQTANODPASIMEN 791  
 Db 1560 RQCLVTHNGRLGLITTKKDLIRHMAQTANODPASILEN 1597  
 RESULT 7  
 ABG10253  
 ID ABG10253 standard; Protein: 1597 AA.  
 XX  
 AC ABG10253;  
 XX  
 DT 13-FEB-2002 (first entry)  
 XX  
 DE Novel human diagnostic protein #10244.  
 XX  
 KW Human: chromosome mapping; gene mapping; gene therapy; forensic;  
 KM food supplement; medical imaging; diagnostic; genetic disorder.  
 XX  
 OS -Homo sapiens.  
 XX



CC polynucleotides are also used in diagnostics as expressed sequence tags  
 CC for identifying expressed genes. (I) is useful in gene therapy techniques  
 CC to restore normal activity of (II) or to treat disease states involving  
 CC (II). (II) is useful for generating antibodies against it, detecting or  
 CC quantitating a polypeptide in tissue, as molecular weight markers and as  
 CC a food supplement. (II) and its binding partners are useful in medical  
 CC imaging of sites expressing (II). (I) and (II) are useful for treating  
 CC disorders involving aberrant protein expression or biological activity.  
 CC The polypeptide and polynucleotide sequences have applications in  
 CC diagnostics, forensics, gene mapping, identification of mutations  
 CC responsible for genetic disorders or other traits to assess biodiversity  
 CC and to produce other types of data and products dependent on DNA and  
 CC amino acid sequences. ABG00010-ABG30377 represent novel human  
 CC diagnostic amino acid sequences of the invention.  
 CC Note: The sequence data for this patent did not appear in the printed  
 CC specification, but was obtained in electronic format directly from WIPO  
 CC at ftp.wipo.int/pub/published\_pct\_sequences.

XX Sequence 1597 AA:

SQ Query Match 58.5%; Score 2442.5; DB 22; Length 1597;

Best Local Similarity 61.6%; Pred. No. 2,1e-247; Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;

QY 34 NGGINSSTHLLDLDEPIPGVGTDDFTIDVREKCKDRHRNRINSKKESAWEMTK 93  
 DB 997 NGGIGSSNRIMDFLEPIPGVGTDDFTIDVREKSRDRHR----- 1041  
 QY 94 SLVDAMSGMLVTLTGASALAGLIDADNMTDLKEGICLSALWYNHQCCGMSNETT 153  
 DB 1042 ----- 1041  
 QY 154 FEERDKCPQKWTAEILIGQEGPSYIMNYIMYIFWALFAFLAVSLVVFAPYACSG 213  
 DB 1042 -----EGAFATVNYFMVLMALLFAFLAVSLVVFAPYACSG 1080  
 QY 214 IPEIKTILSGFIIRGYKMTLMIKITTLVLAASGLCKEGPLVHVAACCCGNIESTYL 273  
 DB 1081 IPEIKTILSGFIIRGYKMTLMIKITTLVLAASGLCKEGPLVHVAACCCGNIILCHCF 1140  
 QY 274 PKYSTNARKREVLASASAGVAVGAPIGLSEESYEPFKTLRSEFAALVAA 333  
 DB 1141 NKTRKNEAKREVLASASAGVAVGAPIGLSEESYEPFKTLRSEFAALVAA 1200  
 QY 334 FVLRSINPENSRLVLEYVEHPTWYLFELFPIILGVEGLWGAFFIRANIMACRRRS 393  
 DB 1201 FTLRSINPENSRLVLEYVEHPTWYLFELFPIILGVEGLWGAFFIRANIMACRRRK 1260  
 QY 394 TKFGKIPVLEVIIVAAITAVIAPNPYTRLSLKELEFDCGPLESSSLCDYRDMNA 453  
 DB 1261 TOLGKYPVLEVIIVAAITAVIAPNPYTRLSLKELEFDCGPLESSSLCDYRDMNA 1320  
 QY 454 SKVDDIPDRPAGIGVSAIWMOLALIFKIMTVFFPGFKVPSGFLPMAIGATAGRI 513  
 DB 1321 SK-GGELPDRPAGIGVSAIWMOLALIFKIMTVFFPGFKVPSGFLPMAIGATAGRI 1379  
 QY 514 VGIAEQLAYHHHDFEIKFKECEVGADCTPGIYAMYGAAACGGYTRMTVSLVIVFEL 573  
 DB 1380 LGVGMQLAYHHHDFEIKFKECEVGADCTPGIYAMYGAAACG----- 1422  
 QY 574 TGLLEYIVPLMAAVMTSKWVGDAFGRBGYIEAHIRLNGYFPLDAKEEFTHTLAADVMP 633  
 DB 1423 -----AKEEFAKHTLAMVMP 1439  
 QY 634 RRNDPLAVLTODMTVDIENMINETSYNGPFIKSKESQRLVGLRDLTIAIESAR 693  
 DB 1440 RRNDPLAVLTODMTVDIENMINETSYNGPFIKSKESQRLVGLRDLTIAIESAR 1499  
 QY 694 KKEGIVGSSRVCFAOHTSLPAESPRPLKRLSILMSPPTVTDHPTMEIVDIFKRLGL 753  
 DB 1500 KKGDDVAVSTIIFTEHSPLPYPYPTPLKRLNIDLSPTVTDLPMEIVDIFKRLGL 1559  
 QY 754 RCLVTHNGRLGLITTKDILRHMAQTANODPASIMFN 791

DB 1560 RCLVTHNGRLGLITTKDILRHMAQTANODPASIMFN 1597

RESULT 9

ID ABG19902 standard; Protein; 1597 AA.

ABG19902;

DT 18-FEB-2002 (first entry)

DE Novel human diagnostic protein #19893.

KM Human; chromosome mapping; gene mapping; gene therapy; forensic;

KW food supplement; medical imaging; diagnostic; genetic disorder.

OS Homo sapiens.

PN WO200175067-A2.

PD 11-OCT-2001.

PF 30-MAR-2001; 2001WO-US08631.

PR 31-MAR-2000; 2000US-0540217.

PR 23-AUG-2000; 2000US-0649167.

PA (HYSE-) HYSEQ INC.

PI Drmanac RT, Liu C, Tang YT;

DR WPI: 2001-639362/73.

DR N-PSDB: AAS84089.

PT New isolated polynucleotide and encoded polypeptides, useful in

PT diagnostics, forensics, gene mapping, identification of mutations

PT responsible for genetic disorders or other traits and to assess

PT biodiversity

PS Claim 20; SEQ ID No 50261; 103pp; English.

CC The invention relates to isolated polynucleotide (I) and

CC polypeptide (II) sequences. (I) is useful as hybridisation probes,

CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome

CC and gene mapping, and in recombinant production of (II). The

CC polynucleotides are also used in diagnostics as expressed sequence tags

CC for identifying expressed genes. (I) is useful in gene therapy techniques

CC to restore normal activity of (II) or to treat disease states involving

CC (II). (II) is useful for generating antibodies against it, detecting or

CC quantitating a polypeptide in tissue, as molecular weight markers and as

CC a food supplement. (II) and its binding partners are useful in medical

CC imaging of sites expressing (II). (I) and (II) are useful for treating

CC disorders involving aberrant protein expression or biological activity.

CC The polypeptide and polynucleotide sequences have applications in

CC diagnostics, forensics, gene mapping, identification of mutations

CC responsible for genetic disorders or other traits to assess biodiversity

CC and to produce other types of data and products dependent on DNA and

CC amino acid sequences. ABG00010-ABG30377 represent novel human

CC diagnostic amino acid sequences of the invention.

CC Note: The sequence data for this patent did not appear in the printed

CC specification, but was obtained in electronic format directly from WIPO

CC at ftp.wipo.int/pub/published\_pct\_sequences.

XX Sequence 1597 AA:

SQ Query Match 58.5%; Score 2442.5; DB 22; Length 1597;

Best Local Similarity 61.6%; Pred. No. 2,1e-247; Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;

QY 34 NGGINSSTHLLDLDEPIPGVGTDDFTIDVREKCKDRHRNRINSKKESAWEMTK 93  
 DB 997 NGGIGSSNRIMDFLEPIPGVGTDDFTIDVREKSRDRHR----- 1041



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QY 94 SLDAMSGLVLTTLGLASGALAGLIDAADWMTDLKEGICLSALWYNHEQCGMSNETT 153
Db 1042 ----- 1041
QY 154 FEERDKCPQKMTWALLIGAEFGSYIMNYIMTFMALSFAFLAVSLVKVAFYACGSG 213
Db 1042 -----EGAFAYIVNFMVYVALLFAFLAVSLVKVAFYACGSG 1080
QY 214 IPEIKTILSGFIIRGYLGKMTLMKTTTLVLAASGLSGKEGFLVAVACCGNIIFYLF 273
Db 1081 IPEIKTILSGFIIRGYLGKMTLMKTTTLVLAASGLSGKEGFLVAVACCGNIIFYLF 1140
QY 274 PKYSTNEAKKREVLASAASAGVSAFAGPIGVLFSLSEVSYFPLKTLMSFFAALVAA 333
Db 1141 NKRYKNAKRRREVLASAASAGVSAFAGPIGVLFSLSEVSYFPLKTLMSFFAALVAA 1200
QY 334 FVLRSINPFGNSRLVLFVEYHPTWYLFELPFLLLGVFGGLGCAFTIRANIMCRRRKS 393
Db 1201 FTLRSINPFGNSRLVLFVEYHPTWYLFELPFLLLGVFGGLGCAFTIRANIMCRRRKT 1260
QY 394 TKFGKYPVLEVIIVAAITVAIAFPNPTRLNTSELKELFTDGLPLESSSLCDYRNMA 453
Db 1261 TOLGKYVIEVLVATATLALAPNETTRMSTSELSELFNDCGLDSSKLCDIENRFT 1320
QY 454 SKIVDDIPDRPAGIGVSAIMQCLALIFKIMTVFTFGIKVPSGLFIPSMALGAIGRI 513
Db 1321 SK-GEGLPDRPAGIGVSAIMQCLALIFKIMTVFTFGIKVPSGLFIPSMALGAIGRL 1379
QY 514 VGIAVEDELAHYHDMFTFKEMCEVGCACITPGIYAMGAACGAGVTRMVSIVVIEL 573
Db 1380 LGVGEMLAAYHOMETVFNWSCGADCIIPGIYAMGAACL----- 1422
QY 574 TGLLEYIVPLMAAVMTSKWVGDAFGRGITYEAHIRLNGYFPLDKEKFEHTTLAADVMP 633
Db 1423 -----AKEFAKHTLAMDMKRP 1439
QY 634 RRNDPLAVLTQDMNVTVDIENMINETSYNGFPVYMSKESQRLVGFALRDLTAIESAR 693
Db 1440 RRNDPLAVLTQDMNVTVDIENMINETSYNGFPVYMSKESQRLVGFALRDLTAIESAR 1499
QY 694 KKEGIVSSRVCFAOHTPSPALPESRPLKRLSLDMSPTVYDHTMEIYVDFRKLGL 753
Db 1500 KKEGIVSSRVCFAOHTPSPALPESRPLKRLSLDMSPTVYDHTMEIYVDFRKLGL 1559
QY 754 RCLVTHNGRLGLITTKDLIRHMACTANODPASIMFN 791
Db 1560 RCLVTHNGRLGLITTKDLIRHMACTANODPASIMFN 1597

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XX (HYSE-) HYSEQ INC.
PA Drmanac RT, Lin C, Tang YT;
XX WPI; 2001-639362/73.
PI N-PSDB; AAS72071.
DR
XX
PT New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensics, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
PT biodiversity
PS
XX Claim 20; SEQ ID NO 38243; 103pp; English.
CC The invention relates to isolated polynucleotide (I) and
CC polypeptide (II) sequences. (I) is useful as hybridisation probes,
CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC and gene mapping, and in recombinant production of (II). The
CC polynucleotides are also used in diagnostics as expressed sequence tags
CC for identifying expressed genes. (I) is useful in gene therapy techniques
CC to restore normal activity of (II) or to treat disease states involving
CC (II). (II) is useful for generating antibodies against it, detecting or
CC quantitating a polypeptide in tissue, as molecular weight markers and as
CC a food supplement. (II) and its binding partners are useful in medical
CC imaging of sites expressing (II). (I) and (II) are useful for treating
CC disorders involving aberrant protein expression or biological activity.
CC The polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. ABG0010-ABG30377 represent novel human
CC diagnostic amino acid sequences of the invention.
CC Note: The sequence data for this patent did not appear in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pcl_sequences.
XX
SQ Sequence 1599 AA:
Query Match 58.5%; Score 2442.5; DB 22; Length 1599;
Best Local Similarity 61.6%; Pred. No. 2.1e-247;
Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;
QY 34 NGGINSSTLLDLDPDPGVGTGDTDFHTIDWRECKDRERRRINSKKESAWEMTK 93
Db 999 NGGIGSSNNIMPLBEPPIGVGTGDTDFHTIDWREKSRDRRR----- 1043
QY 94 SLDAMSGLVLTTLGLASGALAGLIDAADWMTDLKEGICLSALWYNHEQCGMSNETT 153
Db 1044 ----- 1043
QY 154 FEERDKCPQKMTWALLIGAEFGSYIMNYIMTFMALSFAFLAVSLVKVAFYACGSG 213
Db 1044 -----EGAFAYIVNFMVYVALLFAFLAVSLVKVAFYACGSG 1082
QY 214 IPEIKTILSGFIIRGYLGKMTLMKTTTLVLAASGLSGKEGFLVAVACCGNIIFYLF 273
Db 1083 IPEIKTILSGFIIRGYLGKMTLMKTTTLVLAASGLSGKEGFLVAVACCGNIIFYLF 1142
QY 274 PKYSTNEAKKREVLASAASAGVSAFAGPIGVLFSLSEVSYFPLKTLMSFFAALVAA 333
Db 1143 NKRYKNAKRRREVLASAASAGVSAFAGPIGVLFSLSEVSYFPLKTLMSFFAALVAA 1202
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QY 394 TKFGKYPVLEVIIVAAITVAIAFPNPTRLNTSELKELFTDGLPLESSSLCDYRNMA 453
Db 1263 TOLGKYVIEVLVATATLALAPNETTRMSTSELSELFNDCGLDSSKLCDIENRFT 1322
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AC ABG09148;  
 XX 13-FEB-2002 (first entry)  
 XX  
 DE Novel human diagnostic protein #9139.  
 XX  
 KM Human: chromosome mapping; gene mapping; gene therapy; forensic;  
 KW food supplement; medical imaging; diagnostic; genetic disorder.  
 XX  
 OS Homo sapiens.  
 XX  
 PN WO200175067-A2.  
 XX  
 PD 11-OCT-2001.  
 XX  
 PF 30-MAR-2001. 2001WO-US08631.  
 XX  
 PR 31-MAR-2000. 2000US-0540217.  
 PR 23-AUG-2000. 2000US-0649167.  
 XX  
 PA (HYSEQ-) HYSEQ INC.  
 XX  
 PI Drmanac RT, Liu C, Tang YT.  
 DR  
 DR N-PSDB; AAS73335.  
 XX  
 PT New isolated polynucleotide and encoded polypeptides, useful in  
 PT diagnostics, forensics, gene mapping, identification of mutations  
 PT responsible for genetic disorders or other traits and to assess  
 PT biodiversity.  
 PT  
 PS Claim 20; SEQ ID No 39507; 103pp; English.  
 XX  
 CC The invention relates to isolated polynucleotide (I) and  
 CC polypeptide (II) sequences. (I) is useful as hybridisation probes,  
 CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome  
 CC and gene mapping, and in recombinant production of (II). The  
 CC polynucleotides are also used in diagnostics as expressed sequence tags  
 CC for identifying expressed genes. (I) is useful in gene therapy techniques  
 CC to restore normal activity of (II) or to treat disease states involving  
 CC (II). (II) is useful for generating antibodies against it, detecting or  
 CC quantitating a polypeptide in tissue, as molecular weight markers and as  
 CC a food supplement. (II) and its binding partners are useful in medical  
 CC imaging of sites expressing (II). (I) and (II) are useful for treating  
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 CC and to produce other types of data and products dependent on DNA and  
 CC amino acid sequences. ABG00010-ABG30377 represent novel human  
 CC diagnostic amino acid sequences of the invention.  
 CC Note: The sequence data for this patent did not appear in the printed  
 CC specification, but was obtained in electronic format directly from WIPO  
 CC at ftp.wipo.int/pub/published\_pcl\_sequences.  
 XX  
 SQ Sequence 1784 AA;  
 Query Match 58.5%; Score 2442.5; DB 22; Length 1784;  
 Best Local Similarity 61.6%; Pred. No. 2.5e-247;  
 Matches 467; Conservative 70; Mismatches 64; Indels 157; Gaps 3;  
 QY 34 NGGSINSSHTLIDLEPTIPGVGTVDFTIDVRECKDRERHRRINSKKESSAWEMTK 93  
 DB 1184 NGGSISSNRNIMFLEPIPGVGTIDFTIDVREKSRDRNR----- 1228  
 QY 94 SLVDANSGLVLTGLASAGLAGLIDIAADWMTDLKEGICISALWYNHQCCWGSNETT 153  
 DB 1229 ----- 1228  
 QY 154 FEERDKCPQKWTWALLIGAEGRGSYIMNYIMYFMALSFALAVSLVKVFAPYACGSG 213  
 DB 1229 -----EGAFATVYKMTVLMALLFLAVSLVKVFAPYACGSG 1267

QY 214 IPEIKTILSGFIIRGYLGKMTLMIKITTLVLAVASGLGKEGPLVHVACCCGNIISYLF 273  
 DB 1268 IPEIKTILSGFIIRGYLGKMTLVKITTLLVAVSSGLGKEGPLVHVACCCGNIILCHCF 1337  
 QY 274 PKYSTNEAKKREVLASAAGSVAFGAPITGVLFSLSEVSYFFPLTKLRSFFALVAA 333  
 DB 1328 NKYRKNEAKRREVLASAAGSVAFGAPITGVLFSLSEVSYFFPLTKLRSFFALVAA 1387  
 QY 334 FVLRSINPFGNSRLVLFVEYVHTPMWLFELFPFILLGVEGIGAFITRANIAMCRKRS 393  
 DB 1388 FTLRSINPFGNSRLVLFVEYVHTPMWLFELFPFILLGVEGIGAFITRANIAMCRKRT 1447  
 QY 394 TKEGKYVLEVIIVAAITVAIAFPNPTRLNTESELKELEPTDCGPLSSSLCDVRNDMA 453  
 DB 1448 TOLGKYVLEVLVATTAITALLAFPNETRNSTSELSLSELDGGLDSSKLCDYENFNT 1507  
 QY 454 SKIVDDIPDRPAGIGVSAIMODLALIFKILMTVFETGIRVPSGLFIPSMAGIAGRI 513  
 DB 1508 SK-CGELPDRPAGIGVSAIMODLALIFKILMTVFETGIRVPSGLFIPSMAGIAGRI 1566  
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 DB 1567 LGVMEQLATYHHDFIFKEMCEYGADCTIPGLYAMGAACIGVTRMTVSLVIVFEL 1609  
 QY 574 TGGLEYIVPLMAAVMTSKWVGDAFREGIYEAHIRLNGYPFLLAKKEBEFTTLAADVMP 633  
 DB 1610 -----AKKEFAKKTILAMDVMP 1626  
 QY 634 RRNDPLAVLTODNMVVDIENMINETSYNGFPVIMSKESORLVGFALRDLTATIESAR 693  
 DB 1627 RRNDPLAVLTODNMVVDIENMINETSYNGFPVIMSKESORLVGFALRDLTATIESAR 1686  
 QY 694 KKEGIVSSRVCFAQHTPELPAESRPLKRLSLDMSPTVTDHPTMELVDFRKLGL 753  
 DB 1687 KKEGIVSSRVCFAQHTPELPAESRPLKRLSLDMSPTVTDHPTMELVDFRKLGL 1746  
 QY 754 RCLVTHNGRLGIITRKDILRHMACTANODPASIMFN 791  
 DB 1747 RCLVTHNGRLGIITRKDILRHMACTANODPASIMFN 1784  
 RESULT 13  
 ABB61396  
 ID ABB61396 standard; protein; 732 AA.  
 AC ABB61396;  
 XX  
 DT 26-MAR-2002 (first entry)  
 XX  
 DE Drosophila melanogaster polypeptide SEQ ID NO 10980.  
 KW Drosophila; developmental biology; cell signalling; insecticide;  
 KW pharmaceutical.  
 XX  
 OS Drosophila melanogaster.  
 XX  
 PN WO200171042-A2.  
 XX  
 PD 27-SEP-2001.  
 XX  
 PF 23-MAR-2001; 2001WO-US09231.  
 XX  
 PR 23-MAR-2000; 2000US-191637P.  
 PR 11-JUL-2000; 2000US-0614150.  
 XX  
 PA (PEKE ) PE CORP NY.  
 XX  
 PI Venter JC, Adams M, Li PWD, Myers EW;  
 DR WPI: 2001-656860/75.  
 DR N-PSDB; ABL05499.  
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Fri May 16 14:42:33 2003

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Search completed: May 12, 2003, 15:02:58  
Job time : 96 secs

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